

We claim:

1. A plasma display apparatus comprising:

a display panel having a plurality of first and second electrodes arranged alternately and extending in a first direction, and a plurality of third electrodes extending in a second direction perpendicular to the first direction;

a first odd electrode drive circuit for outputting a sustain discharge pulse to be commonly applied to odd-numbered electrodes of the plurality of the first electrodes;

a first even electrode drive circuit for outputting a sustain discharge pulse to be commonly applied to even-numbered electrodes of the plurality of the first electrodes;

a second odd electrode drive circuit for outputting a sustain discharge voltage pulse to be commonly applied to odd-numbered electrodes of the plurality of the second electrodes; and

a second even electrode drive circuit for outputting a sustain discharge pulse to be commonly applied to even-numbered electrodes of the plurality of the second electrodes,

wherein a sustain discharge is caused to occur between the plurality of the first and second electrodes for a light emission display, and

wherein the first odd electrode drive circuit and the first even electrode drive circuit, and the second odd electrode drive circuit and the second even electrode drive circuit, are arranged side by side in the second direction on the display panel, and the order of arrangement in the second direction of the first odd electrode drive circuit and the first even electrode drive circuit is opposite to that of arrangement in the second direction of the second odd electrode drive circuit and the second even electrode drive circuit.

2. A plasma display apparatus, as set forth in

claim 1, wherein the first odd electrode drive circuit and the first even electrode drive circuit are arranged side by side in the second direction on one side in the first direction on the display panel, the second odd  
5 electrode drive circuit and the second even electrode drive circuit are arranged side by side in the second direction on the other side in the first direction on the display panel, and the order of arrangement in the second direction of the first odd electrode drive circuit and  
10 the first even electrode drive circuit is opposite to that of arrangement in the second direction of the second odd electrode drive circuit and the second even electrode drive circuit.

3. A plasma display apparatus, as set forth in  
15 claim 1, wherein the first odd electrode drive circuit and the first even electrode drive circuit, and the second odd electrode drive circuit and the second even electrode drive circuit, are arranged side by side in the second direction on one side in the first direction on  
20 the display panel, and the order of arrangement in the second direction of the first odd electrode drive circuit and the first even electrode drive circuit is opposite to that of arrangement in the second direction of the second odd electrode drive circuit and the second even electrode  
25 drive circuit.

4. A plasma display apparatus, as set forth in  
claim 1, wherein the first odd electrode drive circuit and the first even electrode drive circuit, and the  
30 second odd electrode drive circuit and the second even electrode drive circuit, have two connectors, each, for outputting the sustain discharge pulse to the first electrodes or to the second electrodes,

wherein the two connector are arranged in parallel to each other in the second direction, and

35 wherein one of the two connectors connects the first electrodes and the second electrodes provided on one of substantial half sides in the second direction

of the display panel, and the other of the two connectors connects the first electrodes and the second electrodes provided on the other substantial half side in the second direction of the display panel.